

2014

COMMERCE

(Information Technology and its
Implications in Business)

(Speciality)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. (a) (i) Define the term 'information'.
(ii) Discuss the factors that determine the value of information.
(iii) Describe briefly the different categories of information. 2+6+6=14

Or

- (b) (i) Describe the different components of Information Technology.
(ii) Evaluate the impact of IT (Information Technology) on business. 14

2. (a) Differentiate between primary memory and secondary memory. Describe some of the storage devices used in computer.

4+10=14

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Or

(b) (i) Discuss about the different number systems we have.

(ii) Convert $(55)_{10}$ into its binary equivalent.

(iii) Convert $(10101)_2$ into its decimal equivalent.

(iv) Write the full forms of the following abbreviations :

EPROM and EBCDIC

(v) A cylinder cannot be found on a floppy disk. Why? $6+2+2+2+2=14$

3. (a) What is software? Differentiate between system software and application software. Describe the functions of utility software.

1+4+9=14

Or

(b) What is meant by transmission media? Discuss about the different types of guided and unguided media used in computer network.

2+12=14

4. (a) Discuss briefly about the different components of a database system. Describe the following terms in connection with database system :

(i) Primary key and alternate key

(ii) Indexing of records

(iii) Searching records

$$8+(2 \times 3)=14$$

Or

(b) Write briefly on the following : $3\frac{1}{2} \times 4=14$

(i) Inserting header and footer in a MS-Word document

(ii) Use of find and replace function in MS-Word

(iii) Difference between formula and function in MS-Excel

(iv) Use of autosum function in MS-Excel. Explain with an example.

5. (a) Define the term EDI. What are its advantages? Explain how EDI works.

$$2+7+5=14$$

Or

(b) What is meant by network protocol? Explain the different protocols used in internet.

$$2+12=14$$

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